



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Patent APPLICATION OF

MANGOLD, et al

Appln. No.: 09/632,208

Filed: August 3, 2000

Title: SINTERED MATERIALS

Confirmation No.:

Group Art Unit: 1755

Examiner: Group, Karl E.

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August 1, 2002

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AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

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AUG 02 2002
TC 1700

Sir:

In response to the Office Action dated May 24, 2002, please amend the above
identified application as follows:

IN THE CLAIMS:

Please enter the following amended claims:

1. (Amended) A sintered material, produced by means of a forming or
compacting process, optionally a subsequent cleaning step and a subsequent sintering
process, comprising as a pre-sintering composition:

a) pyrogenically produced silicon dioxide which has been compacted to
granulates having a tamped density of from 150 g/l to 800 g/l, a granulate particle size
of from 10 to 800 μm and a BET surface area of from 10 to 500 m^2/g , or

b) pyrogenically produced silicon dioxide having the following physico-
chemical data:

mean particle diameter: from 25 to 120 μm ,

BET surface area: from 40 to 400 m^2/g ,

pore volume: from 0.5 to 2.5 ml/g,